

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:
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INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

Applicant's or agent's file reference 10473-894	Date of mailing (day/month/year) 08/07/2003
International application No. PCT/US 03/ 03446	International filing date (day/month/year) 06/02/2003
Applicant SNAP-ON TECHNOLOGIES INC.	

1. This International Searching Authority

- (i) considers that there are 4 (number of) inventions claimed in the international application covered by the claims indicated ~~below~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~below~~ on the extra sheet:

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- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

1-4, 17

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby **invited**, within the time limit indicated above, to pay the amount indicated below:

<u>EUR 945,00</u>	x	<u>3</u>	=	<u>EUR 2.835,00</u>
Fee per additional invention		number of additional inventions		total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hans Pettersson
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This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4, 17

Vehicle diagnostic

2. Claims: 5-9, 23-26

Verification

3. Claims: 10-16, 18-22

Payment

4. Claims: 27-32

License

For the following reasoning, the prior art document D1=XP768559 is taken into account.

From this prior art document is known:

A machine-implemented method for providing service data over a data network transmission network, comprising the steps of:

providing a user interface for soliciting selections of desired service data; (fig 3 and 5-8)

receiving an input signal representative of a selection of desired service data via data transmission network; (page 1066 col. left parag. 3)

retrieving the desired service data based on the selection; (fig. 4; page 1066 col. left parag. 4 - page 1066 col right parag. 1)

transmitting the desired service data based on the selection; (fig. 4; page 1067 col. left parag. 5 - col right parag. 2)

wherein the service data includes information needed for carrying out a machine-implemented service process. (fig. 2; page 1065 col. left parag. 2)

Thus the subject-matter of claims 1 is known.

Furthermore, D1 discloses:

'Claim 2! (fig. 4)

The STF (Special Technical Feature) of the first subject, as defined in Rule 13(2) PCT, therefore can be found in claim 3.

- Service data is used to convert signals representative of a vehicle diagnostic state into a processed diagnostic signal.

From the above, the following objective problem can be formulated as how to enable the vehicle diagnostic state to be processed by a machine.

The second group of claims (2nd invention) yields the non-disclosed by the prior art document potential STF of

- receiving user information representing a user;
- verifying the user information.

The problem to be solved by claims 5-9 and 23-26 could be said to be protection of the system against unauthorised user.

The third group of claims (3th invention) yields the non-disclosed by the prior art document potential STF of

- receiving payment information;
- initialing validation of the payment information.

The problem to be solved by claims 10 - 16, 18-22 could be said to be securing of the payment.

The fourth group of claims (4th invention) yields the non-disclosed by the prior art document potential STF of

- receiving a product code associated with a specific device or system;
- validating the product code;
- generating a licence code based on the product code.

The problem to be solved by claims 27-32 could be said to be issuing a licence code to the user.

On the face of it, there are no technical features in the claimed invention, which can be seen as common or corresponding STF within the meaning of Rule 13(2)PCT. Moreover, the problems solved are different and not related.

In conclusion therefore the four groups of claims are not linked by common or corresponding special technical features and define four different inventions not linked by a single general inventive concept.

The application hence does not meet the requirements of Unity of Invention as defined in Rule 13(1) & (2) PCT.

**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No
PCT/US 03/03446

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- ^{1-4, 17}
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CORCORAN P M ET AL: "BROWSER-STYLE INTERFACES TO A HOME AUTOMATION NETWORK" 1997, IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, VOL. 43, NR. 4, PAGE(S) 1063-1069 XP000768559 ISSN: 0098-3063 the whole document	1,2,4,17
Y	-----	3
Y	WO 01 31852 A (BURNETT ALAN MARK ;KEOGH DAVID BRYAN (GB); ROKE MANOR RESEARCH (GB) 3 May 2001 (2001-05-03) page 12, line 14 -page 13, line 11; figure 1 -----	3

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Patent Family Annex

Information on patent family members

International Application No

PCT/US 03/03446

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 0131852	A	03-05-2001	CA	2388389 A1	03-05-2001
			EP	1247374 A1	09-10-2002
			WO	0131852 A1	03-05-2001
			GB	2360608 A	26-09-2001
